

-25 -20 -15 -10 -5 0 1 5 10 15

Human GI QGGS VLFGL LVLAVFCHSGHS LQCYNC PNPTADCKTAVN
 : : : : : : : : :
 Rabbit MTSRGVHLLRL LFL LAVFYSS - DSSLMCYHCLLPSPNCSTVTN

20 25 30 35 40 45 50 55 60
 Human CSSDFDACLI TKAGLQVYNKCWKFFEHCHCNFNDVTTRLRENELTYV
 : : : : : : : : :
 Rabbit CTPNHDACLTAVSGPRVYRQCWRYEDCNFFEFISNRLEENSLKYN

65 70 75 80 85 90 95 100
 Human CCKKDL CNFNEQLENGGTSLS EKT VLLVTPFLAAWSLHP
 : : : : : : : :
 Rabbit CCRKDL CNGPEDDG - - TALTGR TVLL VAPLLAAARNLCL

FIGURE 1A

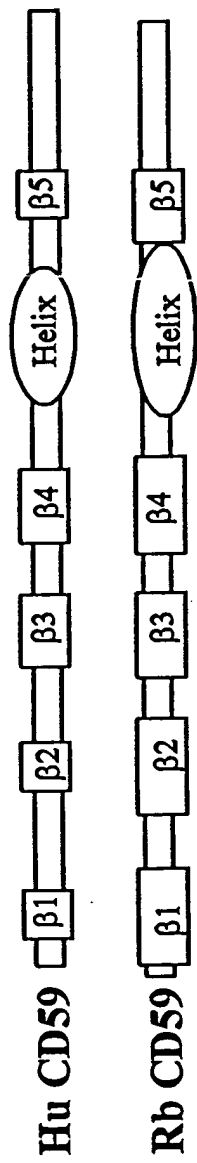


FIGURE 1B

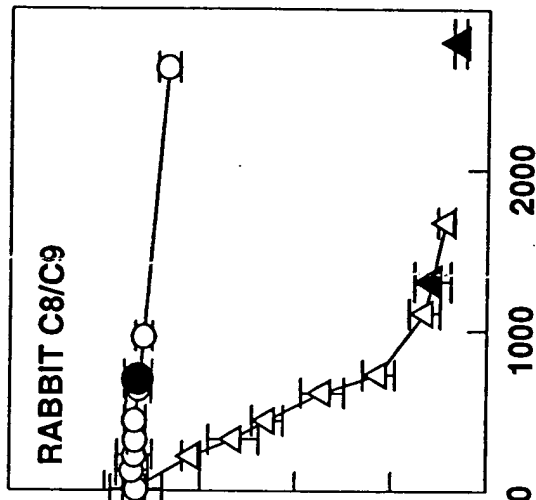
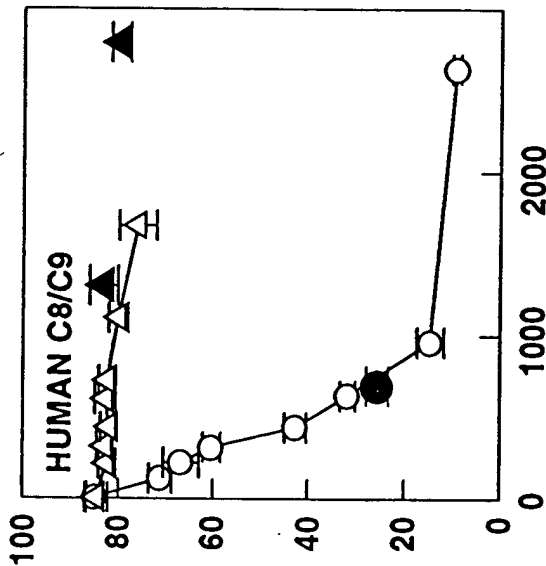
Figure 2A

■ Hu CD59
□ Rb CD59

N ■ Ch1

N ■ Ch1R

BCECF Dye Release (%)

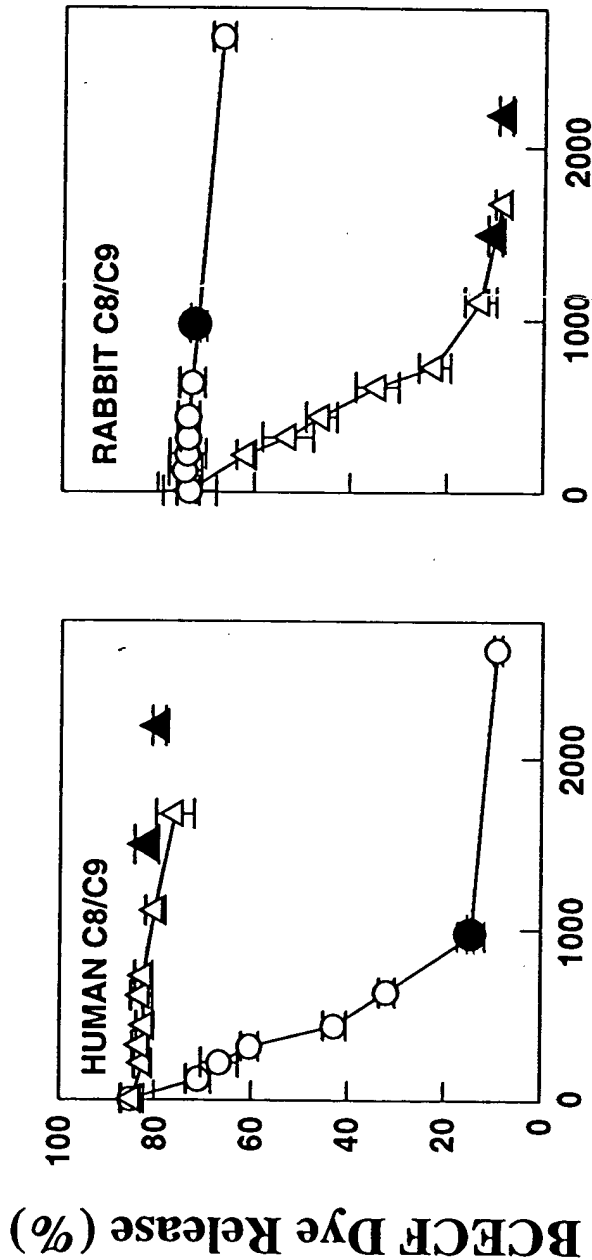
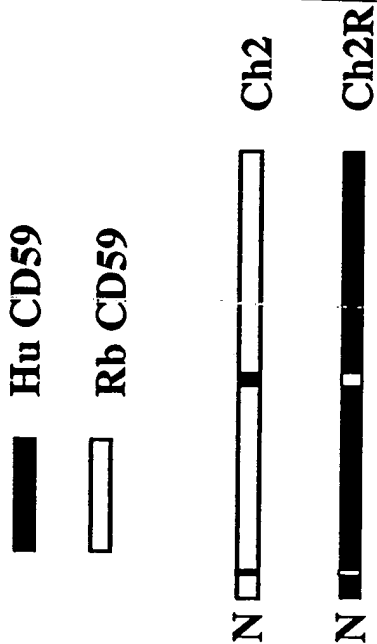


CD59 per Cell (arbitrary fluorescence units)

Figure 2B

Figure 2C

Figure 3 A

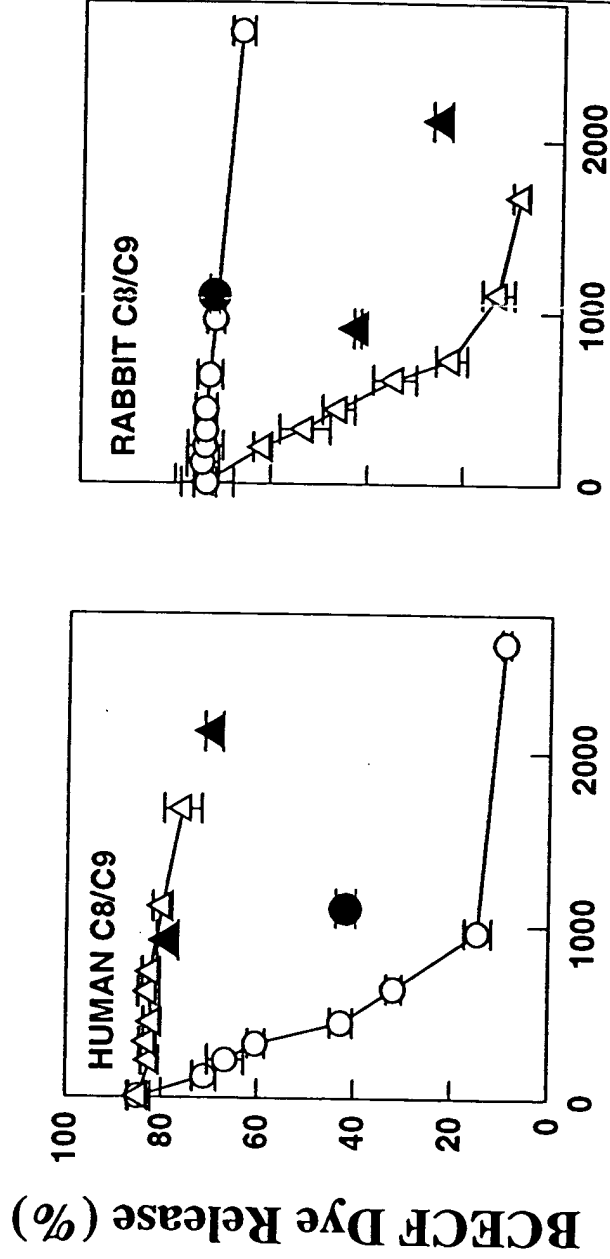
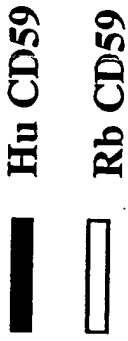


CD59 per Cell (arbitrary fluorescence units)

Figure 3B

Figure 3C

Figure 4A



CD59 per Cell (arbitrary fluorescence units)

FIGURE 4B

FIGURE 4C

Figure 5A

■ Hu CD59
□ Rb CD59

N  Ch4
N  Ch4R

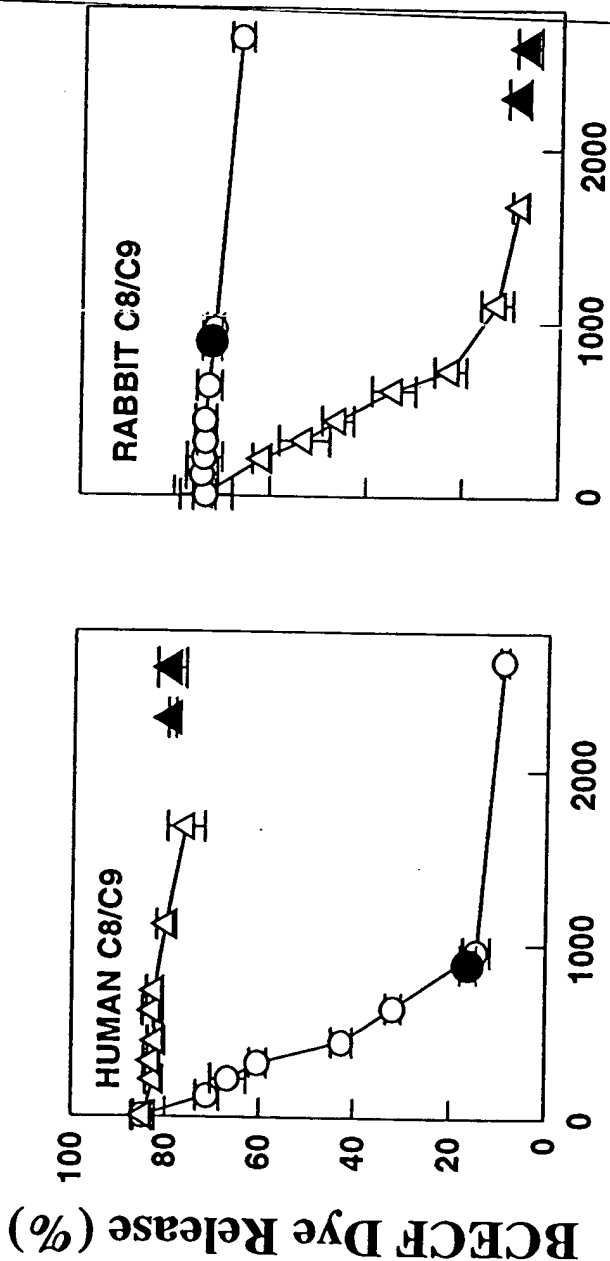
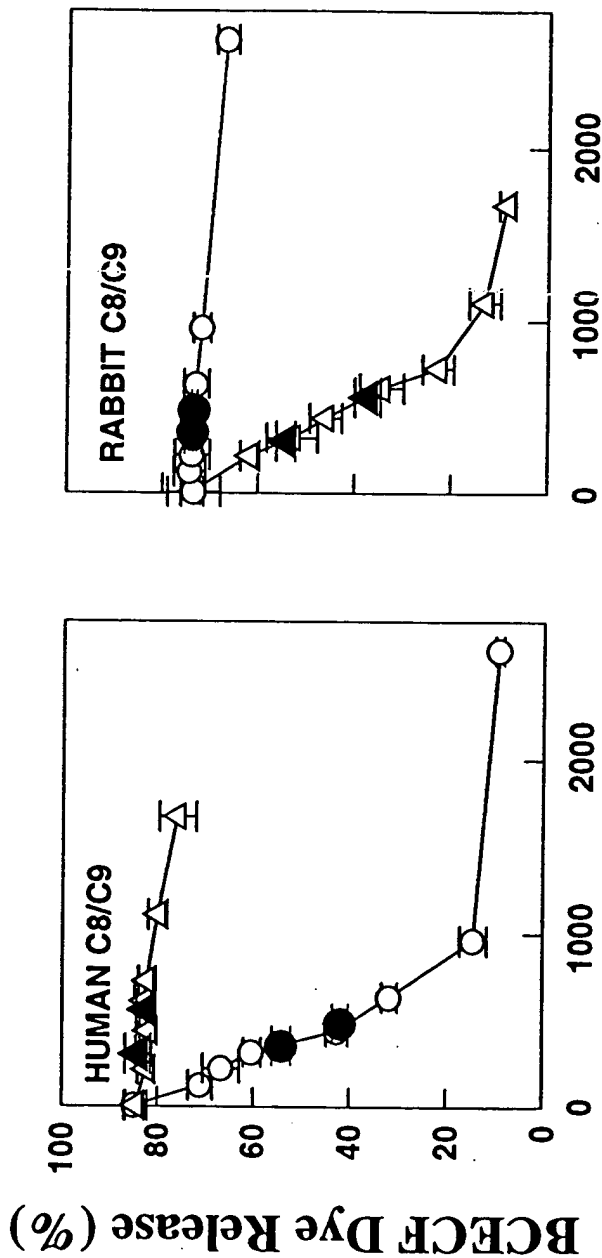
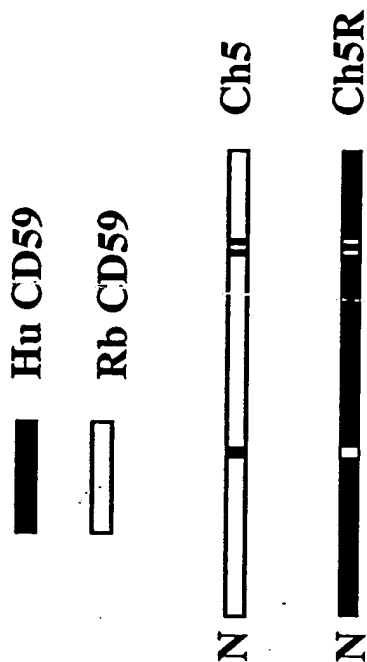


FIGURE 5B

FIGURE 5C

Figure 6A



CD59 per Cell (arbitrary fluorescence units)

Figure 6B

Figure 6C

Figure 7A

■ Hu CD59

□ Rb CD59

N  Ch6

N  Ch6R

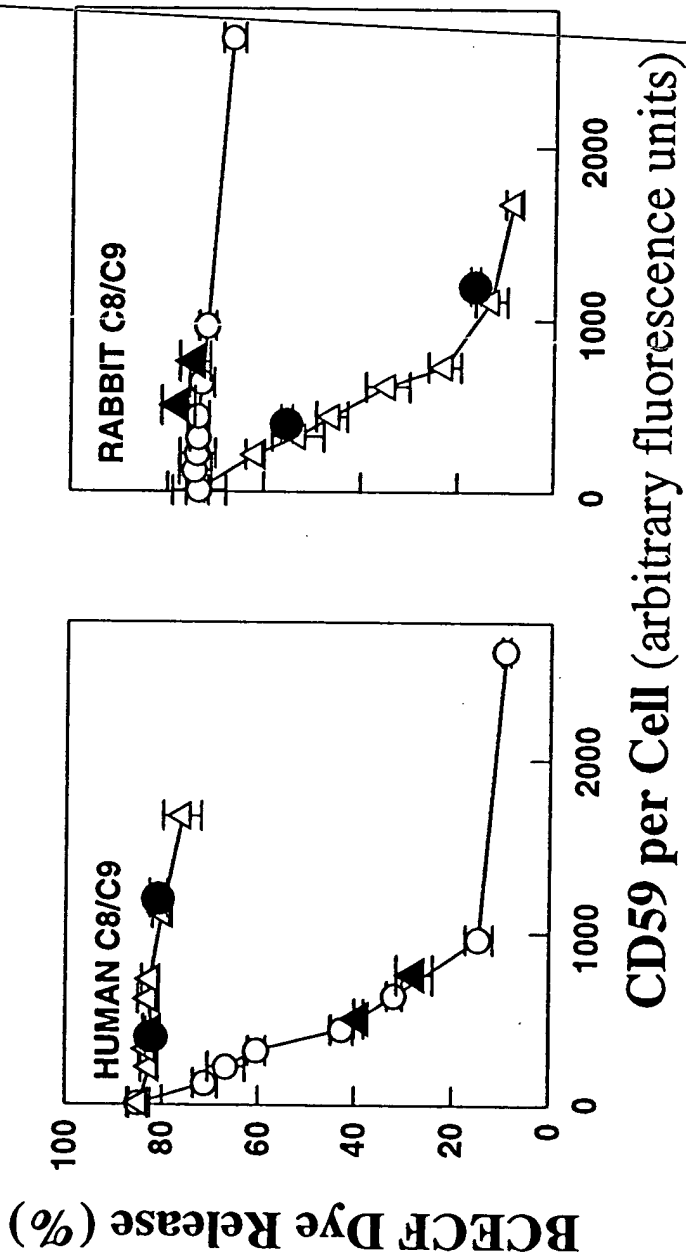


FIGURE 7B

FIGURE 7C

	1	5	10	15	20	25	30	35	
Human	L Q	C Y N	C P N	P T	A D	C K T	A V N	C S S	*
Baboon	L Q	C Y N	C P N	P T	T N	C K T	A I N	C S S	*
Afr grn mnky	L Q	C Y N	C P N	P T	T D	C K T	A I N	C S S	*
Owl monkey	L Q	C Y S	C P Y	P T	T Q	C T M	T T N	C T S	*
Marmoset	L Q	C Y S	C P Y	P T	A R	C T T	T T N	C T S	*
HVS-15	L Q	C Y N	C S H	S T	N Q	C K T	T S S	C T S	*
Pig	L Q	C Y N	C I N	P A	G S	C T X	S M N	C S Y	*
Sheep	L Q	C Y S	C I N	P A	D	C T S	V I N	C T Y	*
Rabbit	S L M	C Y H	C L H	R S	P N	C S T	V T N	C T F	*
Rat	L R	C Y N	C L D	P V	S S	C K T	N S T	C S R	*
Mouse	L T	C Y H	C F Q	P V	V S S	C N M	N S T	C S R	*
	40	45	50	55	60	65	70	75	
Human	C W K	F E H	C N	F N D	V T T	R L	E N	L C N	*
Baboon	C W K	F A N	C N	F N D	I S T	L K E	E N	L C N	*
Afr grn mnky	C W K	F A N	C N	F N D	I S T	L K E	E N	L C N	*
Owl monkey	C W K	F E D	C T	F S R	V S N	L S E	E N	L C N	*
Marmoset	C W K	F E D	C T	F R Q	L S N	L S E	E N	L C N	*
HVS-15	C W K	F E D	C S	F K R	I S N	L S E	E N	L C N	*
Rabbit	C W R	Y E D	C N	F E F	I S N	R L E	E N	L C N	*
Rat	C W R	F S D	C N	A K F	I L S	R L E	E N	L C N	*
Mouse	C W K	Q S D	C H	G E I	I M D	Q L E	E N	L C N	*

Figure 8

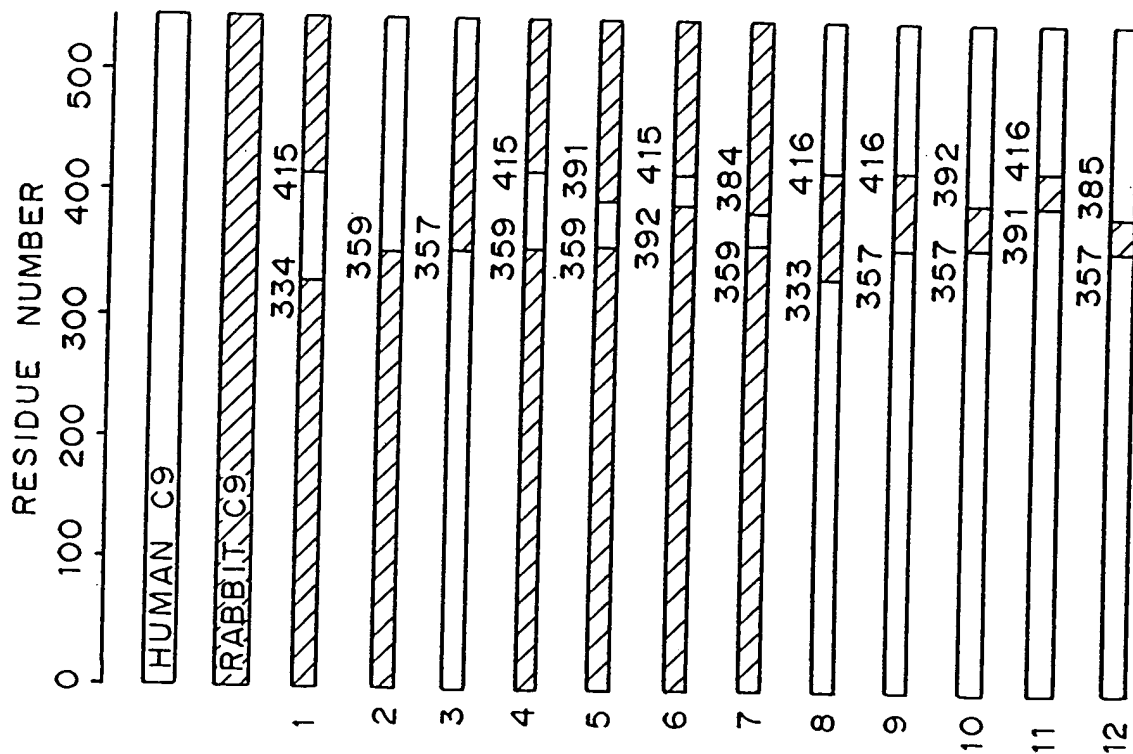


FIGURE 9A

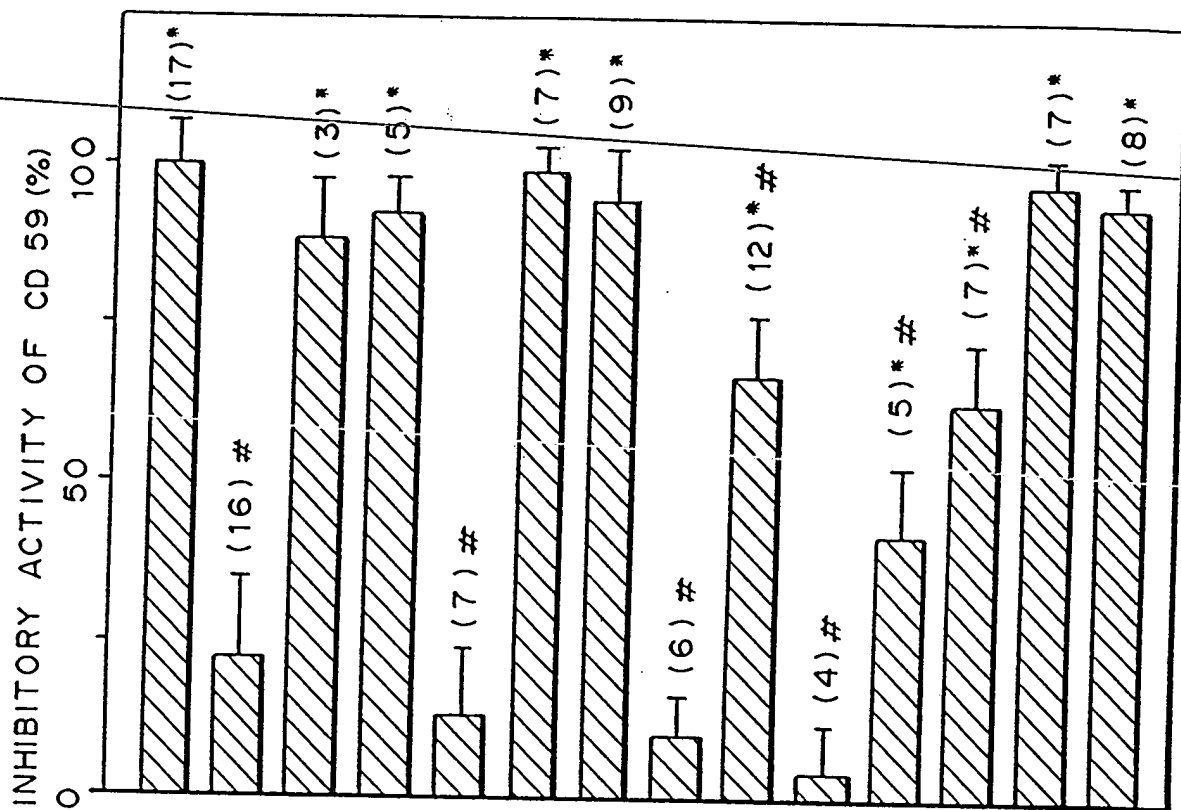
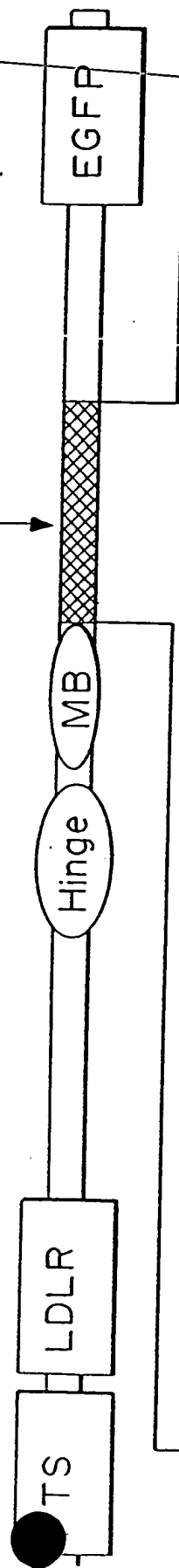


FIGURE 9B

C9

CD59 Binding Site



334

HUMAN LYELIYVLDKASMKRKGVELKDIKRCGLGYHLDVSLAFSE---ISVGAEFNKDDCVKRGEGRAVNITSENLDVVSLIRGGTRKY
 ***** ** **

415

RABBIT RYELIYVLDKASMKKEGIELNDIKKCLGFDLDLSLNIPGKSAGLSLTGQANKNNCLKSGHGNVNITRANLIDDVISLIRGGTQKF
 ***** **

339

424

FIGURE 10

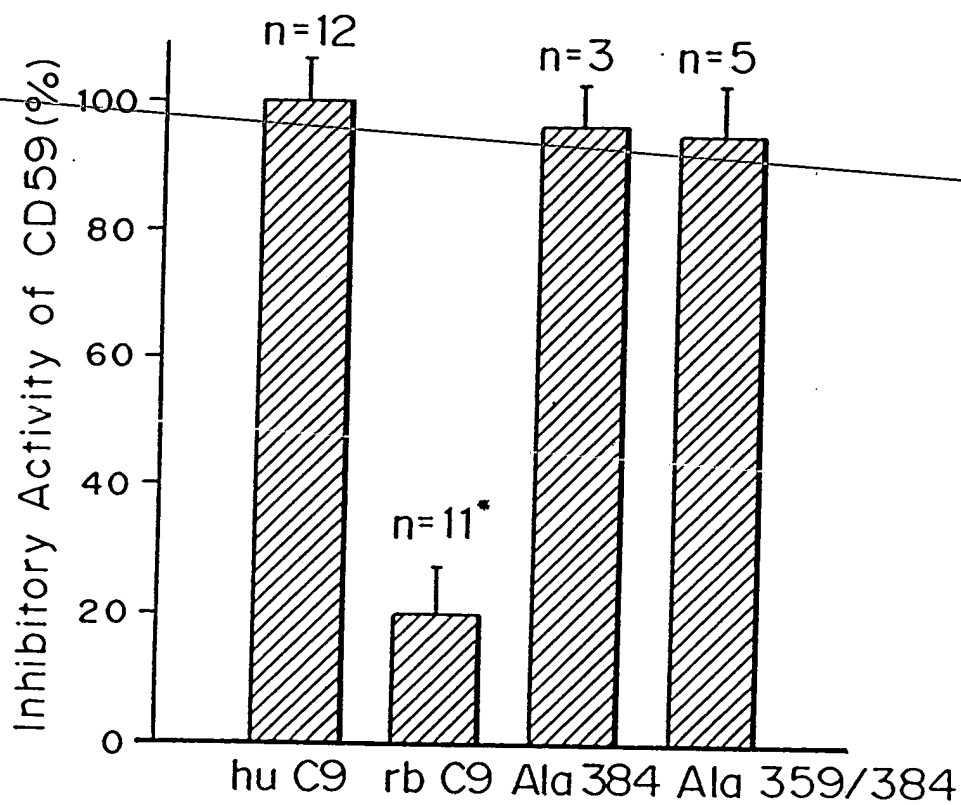


FIGURE 11

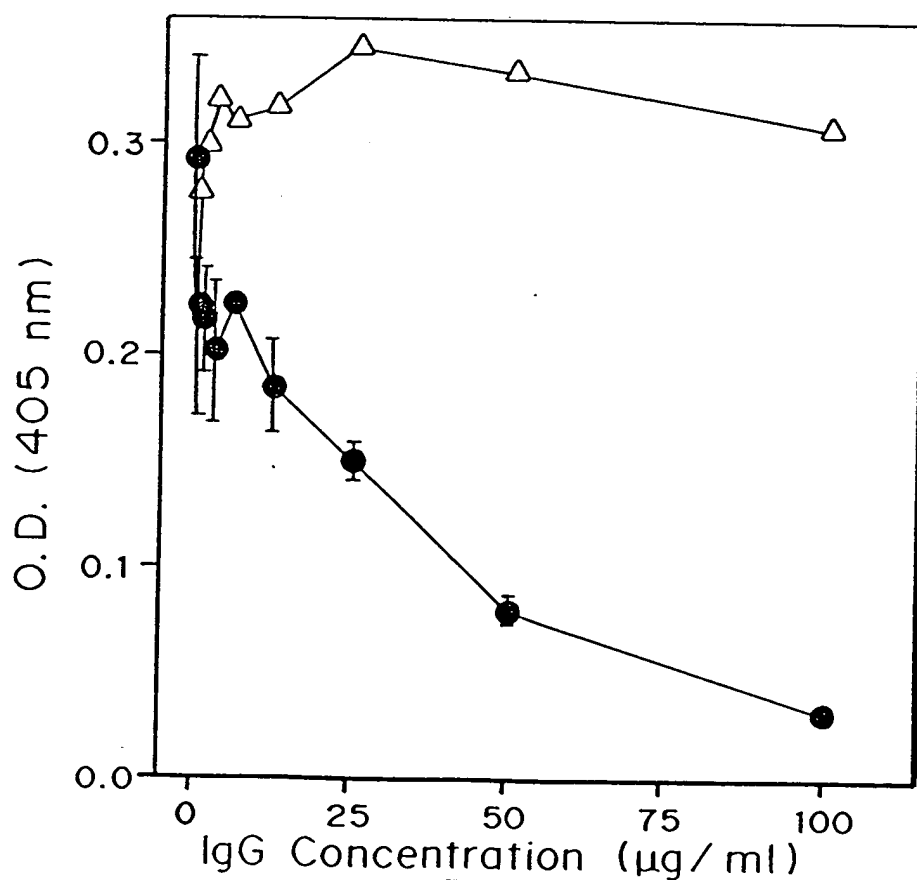


FIGURE 12

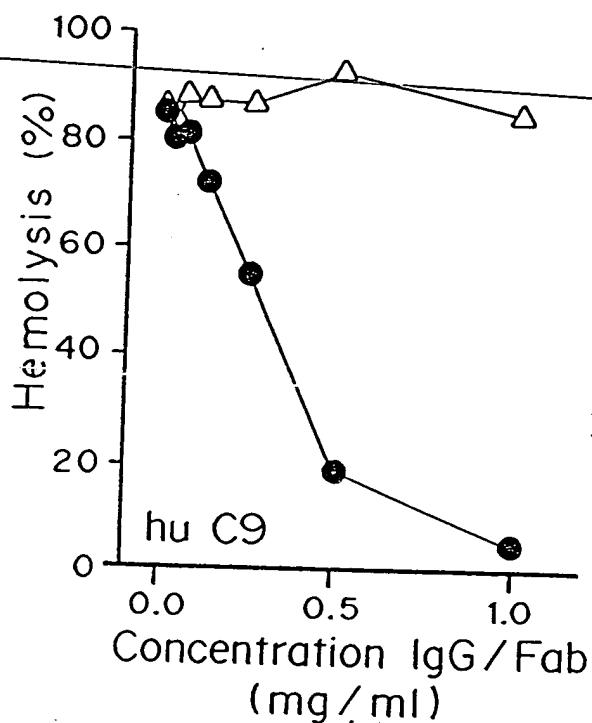


FIGURE 13 A

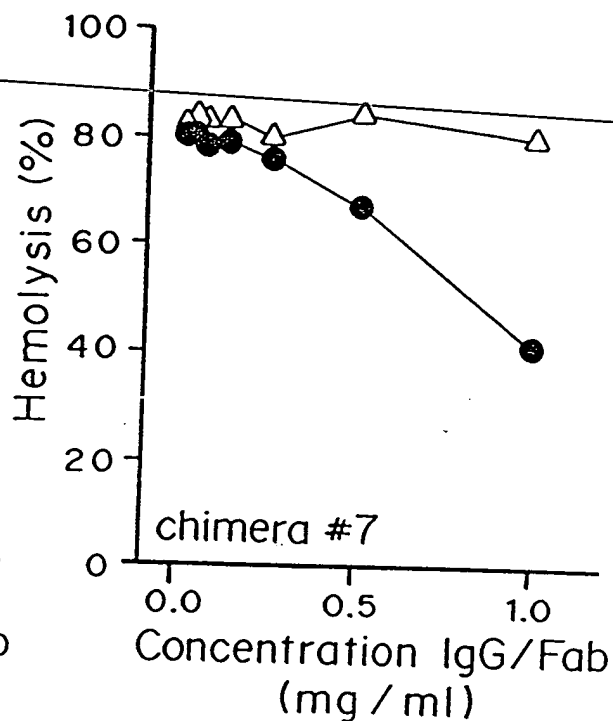


FIGURE 13 B

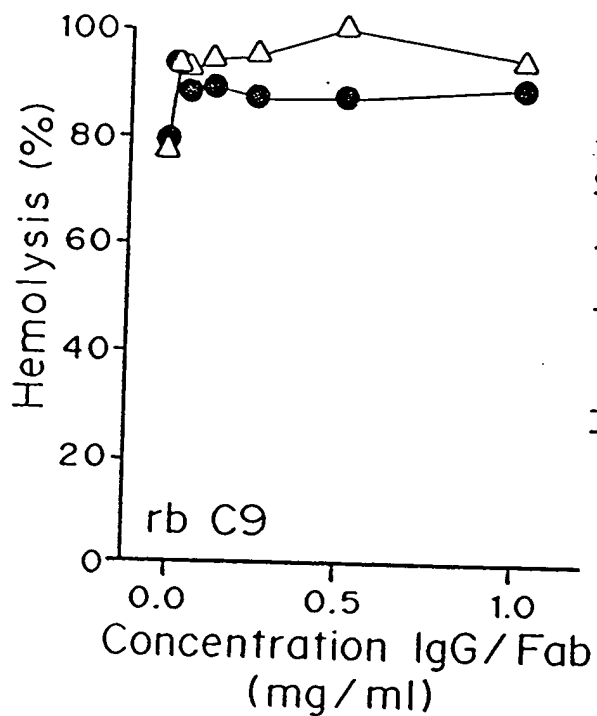


FIGURE 13 C

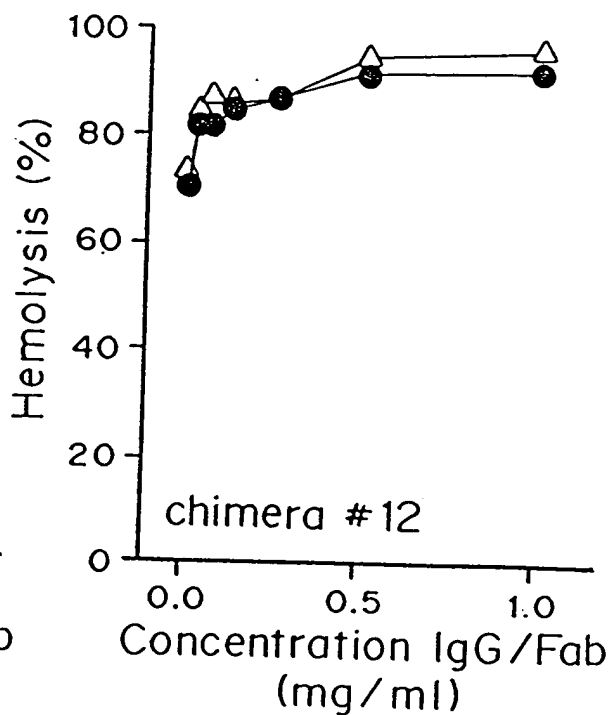


FIGURE 13 D